

## Abstract

A document image processing device and method for extracting a title region and a mark attached by the user from a document image to use them as document tag information. A region with a region average character size larger than a predetermined extraction judging value is extracted as a title region by title region extracting means. As a result, title regions can be extracted from one document image. A mark that the user makes on an input image is extracted by mark extracting means, and characteristic value of the mark is found by calculating means. Document tag information to be imparted to the input image is selected from reference tag information according to the characteristic value and the attribute value of the reference tag information by document tag information imparting means. Thus, document tag information is automatically imparted to a document image.